**Numbers**

**(Classifying activity)**

**Extension**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ( ) Class:\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |
| --- | --- |
| **Given mathematical terms:** | **Given numbers:** |
| **Real Numbers,**  **Rational Numbers,**  **Irrational Numbers,**  **Non-integers,**  **Integers /Whole Numbers,**  **Natural number,**  **Negative Integers,**  **Zero,**  **Positive Integers,**  **One,**  **Prime Numbers,**  **Composite Numbers,**  **Decimals,**  **Fractions,**  **Percentages,**  **Odd numbers,**  **Even numbers.** | Macintosh HD:Users:clyeung:Desktop:Screen Shot 2014-08-27 at 4.51.14 pm.png  **1, 2, 3, 6, 7, 8, 9, 10, 11**  **8.9, -23.8, 40%, 34.5%** |

**Instructions:**

**Task 1:**

**Use the extra given mathematical terms to re-classify or further classify the numbers**

**You might need to organize the terms by yourself (Use classifying key).**

**Task 2:**

1. **Study the given “mathematical notation” information.**
2. **Use some of the symbols from the “mathematical notation” information sheet to organize the numbers in set notation.**

**e.g.**

**Task 3:**

**Choose some of the numbers above and organize them by using Venn diagram.**

**You might make more then 1 Venn diagram.**

**e.g.**

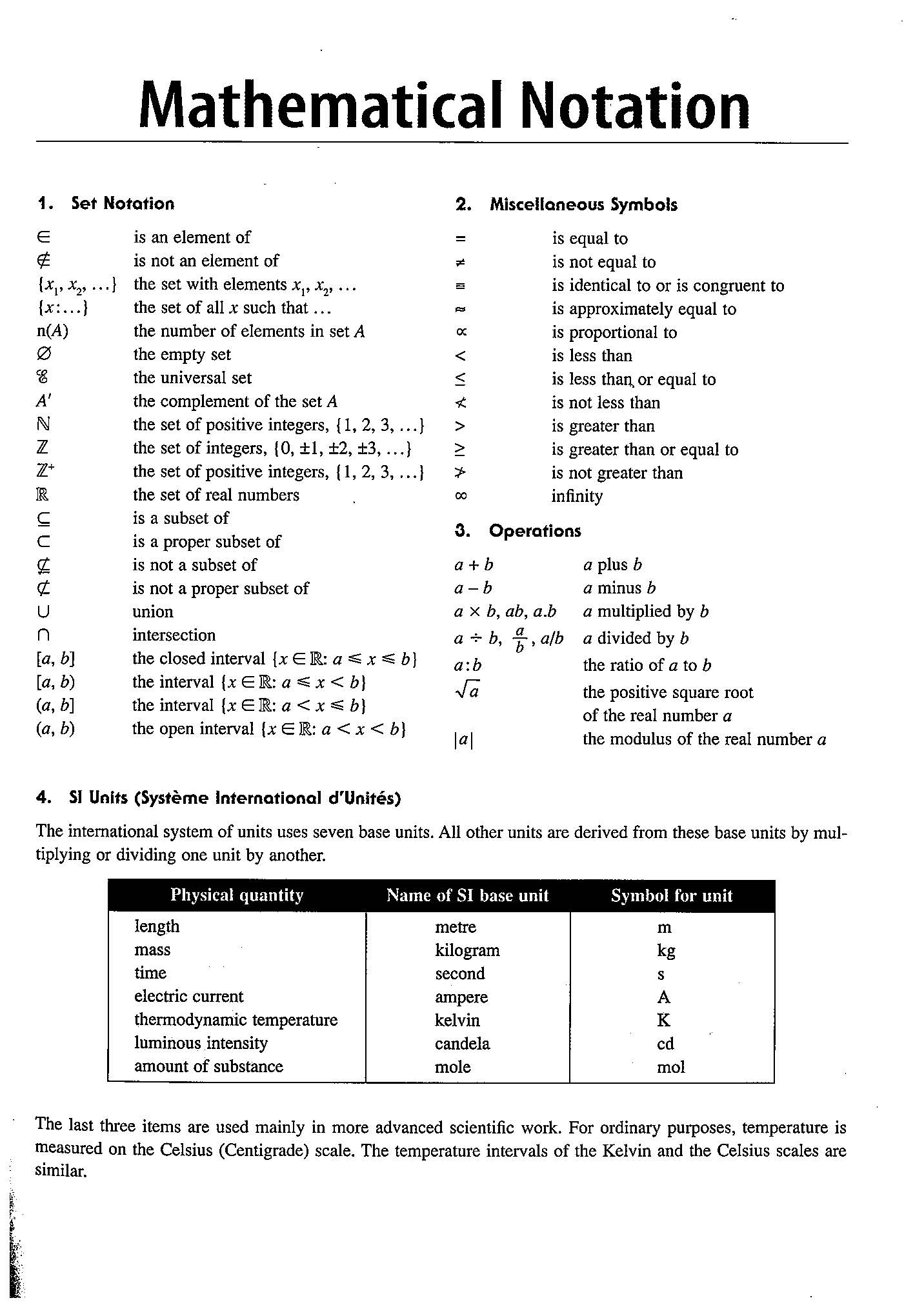
0, 1

Composition number:

4, 6, 8, 9, 10

Prime number:

2, 3, 5, 7, 11

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